

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/12939

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ B30B15/14, B30B15/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B30B15/14, B30B15/24

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Toroku Jitsuyo Shinan Koho	1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1240999 A (INSTITUTE OF TECHNOLOGY PRECISION ELECTRICAL DISCHARGE WORK'S), 18 September, 2002 (18.09.02), Full text; Figs. 1 to 18 & JP 2002-263900 A	1-5
A	JP 2000-79500 A (Yamada Dobby Co., Ltd.), 21 March, 2000 (21.03.00), Full text (Family: none)	1-5
A	JP 10-277791 A (Komatsu Ltd., Komatsu Industries Corp.), 20 October, 1998 (20.10.98), Full text (Family: none)	1-5

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier document but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
06 January, 2004 (06.01.04)Date of mailing of the international search report
20 January, 2004 (20.01.04)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-15341 A (Komatsu Ltd.), 18 January, 2000 (18.01.00), Full text (Family: none)	1-5

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Claim 1 is such that

- concerning the process for adjusting delay between drive sources to adjust the speed of each drive source by finding an increment in the speed of each drive source so as to make the difference in delay from indicated displacement between drive sources either smaller than or equal to a predetermined value; it is not specified how to find an increment in the speed of each drive source and adjust the speed of each drive source;

- since trial forming of work, the process for adjusting delay between drive sources, the process in which drive speed increases, and the production forming are not specified as to how they are related in the press forming process, the claim includes a wide range of matter.

On the other hand, the aforesaid 2 points are disclosed in the sense of PCT Art. 5, and what is substantiated by the disclosure of the specification in the sense of PCT Art. 6 is only the matter specified in Claim 2.

Accordingly, the search of Claim 1 has been made as to the point of finding an increment in the speed of each drive source to adjust the speed of each drive source, in connection with adjustment of delay between drive sources, drive speed increase, and production forming, on the basis of the matter in a range disclosed in the sense of PCT Art. 5 and substantiated by the disclosure of the specification in the sense of PCT Art. 6, that is, on the basis of the matter specified by Claim 2.